EXHIBIT 11 WSOU's Aug. 19, 2021 Revised Preliminary Claim Constructions

PLAINTIFF WSOU'S PROPOSED PRELIMINARY CLAIM CONSTRUCTIONS

	U.S. Patent No. 7,577,103				
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence ¹	NEC's Proposed Definition	
	None	N/A	N/A		

	U.S. Patent No. 7,885,398					
I	No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition	
	1.	route	1, 10 and 13	No construction necessary – plain and ordinary meaning, which is "path between a source and a destination." WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: • IBM Dictionary of Computing at WSOU-NEC-0001872 • The IEEE Standard Dictionary of Electrical and Electronic Terms at WSOU-NEC-0001876 • The Merriam-Webster Dictionary at WSOU-NEC-0001880 • Dictionary of Computing (6th Edition) at WSOU-NEC-0001890	"a physical path between a source and a destination, specifying all intermediate nodes (hops) of the respective communication network" Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.	

¹ WSOU reserves the right to rely upon any extrinsic evidence identified by NEC, including additional portions of documents cited by NEC for, among other things, completeness, explanation, and/or rebuttal. These disclosures provided herein are based on WSOU's investigation to date, and WSOU reserves the right to rely on additional extrinsic evidence as the case(s) proceed. WSOU further reserves the right to rely upon any deposition testimony given or any declarations served or filed with any claim construction briefs.

U.S. Patent No. 7,885,398					
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition	
			WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.		
2.	load balancing	1, 10 and 13	No construction necessary – plain and ordinary meaning, which is "process of managing the routing of network traffic over two or more routes" WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: • IBM Dictionary of Computing at WSOU-NEC-0001871 • Microsoft Computer Dictionary (5 th Edition) at WSOU-NEC-0001885 WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of	"splitting communication into two (or more) routes and balancing the traffic on each route" Extrinsic Evidence: Load Balancing, Newton's Telecom Dictionary (Harry Newton ed., 21st ed. 2005); see also Load Balance, id. Expert testimony from Dr. Matthew Shoemake.	

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No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
			the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	
3.	service category criterion	1, 10 and 13	This term is not indefinite. No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC.	Indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.

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	U.S. Patent No. 7,885,398					
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition		
			WSOU further reserves the right to rely on positions and evidence cited by NEC.			

	U.S. Patent No. 8,041,017					
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition		
4.	detecting means	8		Governed by 35 U.S.C. § 112, ¶ 6. Function: "detecting that the received first call is an emergency call" Structure: the network access node serving the terminal used by the calling party, as disclosed at 5:37-48, and equivalents thereof.		
			equivalents thereof. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction:			

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	U.S. Patent No. 8,041,017					
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition		
			 The IEEE Standard Dictionary of Electrical and Electronic Terms (6th Edition) at WSOU-NEC-0001919-20 Microsoft Computer Dictionary (5th Edition) at WSOU-NEC-0001930 WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC. 			
5.	reserving means	8 and 9	This term is not indefinite. No construction necessary – plain and ordinary meaning. Further, to the extent the Court treats the term as means-plus-function: Function: reserving conference facilities in response to the detected emergency call	Governed by 35 U.S.C. § 112, ¶ 6. Function: "reserving conference facilities in response to the detected emergency call"		

			U.S. Patent No. 8,041,017	
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
			Structure/material/acts: For example, step 112 of Fig. 2, and the corresponding portions of the specification at 9:38-43, node 30 of Fig. 1 and the corresponding portions of the specification at 6:20-29, and equivalents thereof. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: • The IEEE Standard Dictionary of Electrical and Electronic Terms (6th Edition) at WSOU-NEC-0001921 • Microsoft Computer Dictionary (5th Edition) at WSOU-NEC-0001931 WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions	Structure: the network access node serving the terminal used by the calling party, as disclosed at 6:20-29, 9:38-43, and equivalents thereof.
			and evidence cited by NEC.	

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	U.S. Patent No. 8,041,017						
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition			
No. 6.	Terms connecting means	Claims 8 and 9	Claim Constructions and Extrinsic Evidence This term is not indefinite. No construction necessary – plain and ordinary meaning. Further, to the extent the Court treats the term as means-plus-function: Function: connecting the emergency call using the reserved conference facilities to a designated second party that handles emergency calls Structure/material/acts: For example, step 114 of Fig. 2, and the corresponding portions of the specification at 9:43-46, node 30 of Fig. 1 and the corresponding portions of the specification at 6:20-29, and equivalents thereof.	Governed by 35 U.S.C. § 112, ¶ 6. Function: "connecting the emergency call using the reserved conference facilities to a designated second party that handles emergency calls" Structure: Reserved conference facilities/bridge and the network access node serving the terminal used by the calling party, as disclosed at 5:49-57, 6:20-29, 9:43-46, and equivalents thereof.			
			WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: • IBM Dictionary of Computing at WSOU-NEC-0001911-12				
			WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of				

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	U.S. Patent No. 8,041,017					
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition		
			the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.			
7.	calling means	8 and 9	This term is not indefinite. No construction necessary – plain and ordinary meaning. Further, to the extent the Court treats the term as means-plus-function: Function: automatically originating at least one second call associated with the reserved conference facilities from the node over the telecommunications network to at least one predetermined third party that is different than the calling party and the second party Structure/material/acts: For example, steps 116, 118, 120 and 122 of Fig. 2, and the corresponding portions of the specification at 9:47-66, node 30 of Fig. 1 and the corresponding portions of the specification at equivalents thereof.	Governed by 35 U.S.C. § 112, ¶ 6. Function: "automatically originating at least one second call associated with the reserved conference facilities from the node over the telecommunications network to at least one predetermined third party that is different than the calling party and the second party, each third party being previously designated by the calling party along with suitable contact information for the corresponding third party in conjunction with		

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	U.S. Patent No. 8,041,017						
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition			
			WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	a service feature provided to the calling party via the telecommunications network" Structure: the network access node serving the terminal used by the calling party and stored contact information for the at least one predetermined third party, as disclosed at 6:36-41, 9:47-59, and equivalents thereof.			
8.	answer detecting means	10	This term is not indefinite. No construction necessary – plain and ordinary meaning. Further, to the extent the Court treats the term as means-plus-function: Function: determining whether or not the third party answers the second call.	Governed by 35 U.S.C. § 112, ¶ 6. Function: "determining whether or not the third party answers the second call" Structure: the network access node serving the terminal used by the calling party, as disclosed at 9:60-61, and equivalents thereof.			

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	U.S. Patent No. 8,041,017				
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition	
			Structure/material/acts: For example, step 120 of Fig. 2, and the corresponding portions of the specification at 9:60-61, node 30 of Fig. 1 and the corresponding portions of the specification at 7:8-:8:55, and equivalents thereof. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: • The IEEE Standard Dictionary of Electrical and Electronic Terms (6th Edition) at WSOU-NEC-0001919-20 • Microsoft Computer Dictionary (5th Edition) at WSOU-NEC-0001930 WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.		

	U.S. Patent No. 8,103,213				
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition	
9.	remote characteristic information	1, 8 and 22	No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	Indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.	
10.	local characteristic information	1, 8 and 22	No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction:	Indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.	

No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
			WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	
11.	at least one of supported communication transport configuration information for the [at least one other] apparatus, power status information for the [at least one other] apparatus, processing load information for the [at least one other] apparatus, communication	1, 8, 22, 23, 24, 25 and 26	This term is not indefinite. No construction necessary – plain and ordinary meaning, as a disjunctive list. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: • Dictionary of Computer and Internet Words at WSOU-NEC-0001867 • IBM Dictionary of Computing at WSOU-NEC-0001870 • Microsoft Computer Dictionary (5 th Edition) at WSOU-NEC-0001884	Plain and ordinary meaning, <i>i.e.</i> , as a conjunctive list in which at least one of each information category must be present. <i>See SuperGuide Corp. v. DirecTV Enters., Inc.,</i> 358 F.3d 870, 886 (Fed. Cir. 2004). Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.

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	U.S. Patent No. 8,103,213				
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition	
	load information for the [at least one other] apparatus, proximate interference information for the [at least one other] apparatus and user preferences configured in the [at least one other] apparatus		 Dictionary of Computing (5th Edition) at WSOU-NEC-0001889 Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 Webster's New World Computer Dictionary (10th Edition) at WSOU-NEC-0001899 WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC. 		
12.	power status information	1, 8, 22, 23, 24, 25 and 26	This term is not indefinite. No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary	Indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew	
			extrinsic evidence that it may rely upon in support of its construction:	Shoemake.	

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			U.S. Patent No. 8,103,213	. 8,103,213		
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition		
			WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC.			
13.	communication load information for the [at least one other] apparatus	1, 8, 22, 23, 24, 25 and 26	This term is not indefinite. No construction necessary – plain and ordinary meaning, which is "information regarding communication load for the [at least one other] apparatus". WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the	"communication load of an internal controller in the [at least one other] apparatus" Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.		

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No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
			claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	
14.	proximate interference information for the [at least one other] apparatus	1, 8, 22, 23, 24, 25 and 26	This term is not indefinite. No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why	Indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.

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	U.S. Patent No. 8,103,213					
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition		
			WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on			
			positions and evidence cited by NEC.			
15.	computer program code configured to initiate an inquiry from an apparatus to at least one other apparatus	8	Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	Governed by 35 U.S.C. § 112, ¶ 6. Function: "initiate an inquiry from an apparatus to at least one other apparatus" Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.		

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No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
16.	computer program code configured to receive remote characteristic information into the apparatus	8	Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	Governed by 35 U.S.C. § 112, ¶ 6. Function: "receive remote characteristic information into the apparatus" Structure: Indefintie. Algorithm: None, and thus indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.
17.	computer program code configured to determine local characteristic information in the apparatus	8	Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. No construction necessary – plain and ordinary meaning.	Governed by 35 U.S.C. § 112, ¶ 6. Function: "determine local characteristic information in the apparatus"

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U.S. Patent No. 8,103,213					
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition	
			WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction:	Structure: Indefinite. Algorithm: None, and thus indefinite.	
			WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.	
18.	computer program code configured to formulate a configuration in the apparatus	8	Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: • Dictionary of Computer and Internet Words at WSOU-NEC-0001867	Governed by 35 U.S.C. § 112, ¶ 6. Function: "formulate a configuration in the apparatus" Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence:	

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	U.S. Patent No. 8,103,213				
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition	
			 IBM Dictionary of Computing at WSOU-NEC-0001870 Microsoft Computer Dictionary (5th Edition) at WSOU-NEC-0001884 Dictionary of Computing (5th Edition) at WSOU-NEC-0001889 Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 Webster's New World Computer Dictionary (10th Edition) at WSOU-NEC-0001899 WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC. 	Expert testimony from Dr. Matthew Shoemake.	
19.	computer program code configured to send the configuration from	8	Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite.	Governed by 35 U.S.C. § 112, ¶ 6.	

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No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
	the apparatus to the at least one other apparatus			Function: "send the configuration from the apparatus to the at least one other apparatus" Structure: Multiradio controller, master control system, and radio modems/software-defined radio modules. Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.
			the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why	

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No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
			WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	
20.	computer program code configured to implement the configuration in the apparatus	8	Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: • Dictionary of Computer and Internet Words at WSOU-NEC-0001867 • IBM Dictionary of Computing at WSOU-NEC-0001870 • Microsoft Computer Dictionary (5 th Edition) at WSOU-NEC-0001884 • Dictionary of Computing (5 th Edition) at WSOU-NEC-0001889 • Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 • Webster's New World Computer Dictionary (10 th Edition) at WSOU-NEC-0001899	Governed by 35 U.S.C. § 112, ¶ 6. Function: "implement the configuration in the apparatus" Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.
			WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology	

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			U.S. Patent No. 8,103,213	
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
			of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	
21.	computer program code configured to establish communication between the apparatus and at least one other apparatus in accordance with the configuration	8	Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: • Dictionary of Computer and Internet Words at WSOU-NEC-0001867 • IBM Dictionary of Computing at WSOU-NEC-0001870 • Microsoft Computer Dictionary (5 th Edition) at WSOU-NEC-0001884 • Dictionary of Computing (5 th Edition) at WSOU-NEC-0001889	Governed by 35 U.S.C. § 112, ¶ 6. Function: "establish communication between the apparatus and at least one other apparatus in accordance with the configuration" Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.

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	U.S. Patent No. 8,103,213				
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition	
			 Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 Webster's New World Computer Dictionary (10th Edition) at WSOU-NEC-0001899 WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC. 		
22.	means for initiating an inquiry from the apparatus to at least one other apparatus	22	Governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. Function: initiating an inquiry from an apparatus to at least one other apparatus Structure/material/acts: For example, apparatus A (1300) and process 1 of Fig. 13, and the corresponding portions of the	Governed by 35 U.S.C. § 112, ¶ 6. Function: "initiating an inquiry from the apparatus to at least one other apparatus" Structure: Indefinite. Algorithm: None, and thus indefinite.	

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No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
			specification at 19:62-20:4, and equivalents thereof. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.
23.	means for receiving remote characteristic information into the apparatus	22	Governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. Function: receiving remote characteristic information into the apparatus Structure/material/acts:	Governed by 35 U.S.C. § 112, ¶ 6. Function: "receiving remote characteristic information into the apparatus" Structure: Indefinite.

	U.S. Patent No. 8,103,213				
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition	
			For example, apparatus A (1300) and process 2 of Fig. 13, and the corresponding portions of the specification at 20:4-24, and equivalents thereof.	Algorithm: None, and thus indefinite. Extrinsic Evidence:	
			WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction:	Expert testimony from Dr. Matthew Shoemake.	
			WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.		
24.	means for determining local characteristic	22	Governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite.	Governed by 35 U.S.C. § 112, ¶ 6. Function: "determining local characteristic	
	information in the apparatus		Function: determining local characteristic information in the apparatus	information in the apparatus" Structure: Indefinite.	
			Structure/material/acts:		

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	U.S. Patent No. 8,103,213					
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition		
			For example, apparatus A (1300) and process 3 of Fig. 13, and the corresponding portions of the specification at 20:25-35, and equivalents thereof.	Algorithm: None, and thus indefinite. Extrinsic Evidence:		
			WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction:	Expert testimony from Dr. Matthew Shoemake.		
			WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.			
25.	means for formulating a configuration in	22	Governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite.	Governed by 35 U.S.C. § 112, ¶ 6. Function: "formulating a configuration in the		
	the apparatus		Function: formulating a configuration in the apparatus	apparatus''		
			Structure/material/acts:	Structure: Indefinite.		

	U.S. Patent No. 8,103,213				
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition	
	Terms	Claims	Claim Constructions and Extrinsic Evidence For example, apparatus A and process 4 of Fig. 13, apparatus 1102 of Fig. 12, apparatus 1104 of Fig. 11, and the corresponding portions of the specification at 17:34-44, 18:4-6, and 20:35-44, and equivalents thereof. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: • Dictionary of Computer and Internet Words at WSOU-NEC-0001867 • IBM Dictionary of Computing at WSOU-NEC-0001870 • Microsoft Computer Dictionary (5 th Edition) at WSOU-NEC-0001884 • Dictionary of Computing (5 th Edition) at	Algorithm: None, and thus indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.	
			 WSOU-NEC-0001889 Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 Webster's New World Computer Dictionary (10th Edition) at WSOU-NEC-0001899 WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the 		
			level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on		

No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
			Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC.	
			WSOU further reserves the right to rely on positions and evidence cited by NEC.	
26.	means for sending the configuration from the apparatus to the at least one other apparatus	22	Governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. Function: sending the configuration from the apparatus to the	Governed by 35 U.S.C. § 112, ¶ 6. Function: "sending the configuration from the apparatus to the at least one other apparatus"
			at least one other apparatus Structure/material/acts: For example, apparatus A and process 5 of Fig. 13, and the corresponding portions of the specification at 20:45-48, and equivalents thereof.	Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence:
			WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction:	Expert testimony from Dr. Matthew Shoemake.
			 Dictionary of Computer and Internet Words at WSOU-NEC-0001867 IBM Dictionary of Computing at WSOU-NEC-0001870 Microsoft Computer Dictionary (5th Edition) at WSOU-NEC-0001884 Dictionary of Computing (5th Edition) at WSOU-NEC-0001889 	

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	U.S. Patent No. 8,103,213				
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition	
			 Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 Webster's New World Computer Dictionary (10th Edition) at WSOU-NEC-0001899 WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC. 		
27.	means for implementing the configuration in the apparatus	22	Governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. Function: implementing the configuration in the apparatus Structure/material/acts: For example, apparatus A and process 6 of Fig. 13, apparatus 1102 of Fig. 12, apparatus 1104 of Fig. 11, and the corresponding portions of the	Governed by 35 U.S.C. § 112, ¶ 6. Function: "implementing the configuration in the apparatus" Structure: Indefinite. Algorithm: None, and thus indefinite.	

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No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
			specification at 17:34-44, 18:4-6, and 20:49-53, and equivalents thereof. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: • Dictionary of Computer and Internet Words at WSOU-NEC-0001867 • IBM Dictionary of Computing at WSOU-NEC-0001870 • Microsoft Computer Dictionary (5 th Edition) at WSOU-NEC-0001884 • Dictionary of Computing (5 th Edition) at WSOU-NEC-0001889 • Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 • Webster's New World Computer Dictionary (10 th Edition) at WSOU-NEC-0001899 WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at	Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.
			the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why	

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No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
			WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	
28.	means for establishing communication between the apparatus and at least one other apparatus in accordance with the configuration	22	Governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. Function: establishing communication between the apparatus and at least one other apparatus in accordance with the configuration Structure/material/acts: For example, apparatus A and process 8 of Fig. 13, apparatus B of Fig. 13, and the corresponding portions of the specification at 20:53-56, and equivalents thereof. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: • Dictionary of Computer and Internet Words at WSOU-NEC-0001867 • IBM Dictionary of Computing at WSOU-NEC-0001870 • Microsoft Computer Dictionary (5 th Edition) at WSOU-NEC-0001884 • Dictionary of Computing (5 th Edition) at WSOU-NEC-0001889	Governed by 35 U.S.C. § 112, ¶ 6. Function: "establishing communication between the apparatus and at least one other apparatus in accordance with the configuration" Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.

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	U.S. Patent No. 8,103,213					
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition		
			 Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 Webster's New World Computer Dictionary (10th Edition) at WSOU-NEC-0001899 WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC. 			
29.	computer program code configured to receive wireless communication in an apparatus	24	Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction:	Governed by 35 U.S.C. § 112, ¶ 6. Function: "receive wireless communication in an apparatus" Structure: Indefinite. Algorithm: None, and thus indefinite.		

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	U.S. Patent No. 8,103,213					
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition		
			WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.		
30.	computer program code configured to, if the wireless communication includes an inquiry requesting characteristic information, determine characteristic information	24	Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning	Governed by 35 U.S.C. § 112, ¶ 6. Function: "if the wireless communication includes an inquiry requesting characteristic information, determine characteristic information" Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence:		

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U.S. Patent No. 8,103,213					
	No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
				of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC.	Expert testimony from Dr. Matthew Shoemake.
				WSOU further reserves the right to rely on positions and evidence cited by NEC.	
_	31.	computer program code configured to respond to the	24	Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite.	Governed by 35 U.S.C. § 112, ¶ 6. Function: "respond to the inquiry, the
		inquiry, the response comprising the		No construction necessary – plain and ordinary meaning.	response comprising the characteristic
		characteristic information		WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction:	information" Structure: Multiradio controller, master
				WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology	control system, and radio modems/software-
				of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the	defined radio modules. Structure: Indefinite.
				level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on	Algorithm: None, and thus indefinite.
				Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC.	Extrinsic Evidence:

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U.S. Patent No. 8,103,213				
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
32.	computer program	24	WSOU further reserves the right to rely on positions and evidence cited by NEC. Not governed by 35 U.S.C. § 112, ¶ 6. This term	Expert testimony from Dr. Matthew Shoemake. Governed by 35 U.S.C. § 112, ¶ 6.
32.	computer program code configured to receive further wireless communication in the apparatus, the further wireless communication including a configuration	24	is not indefinite. No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: • Dictionary of Computer and Internet Words at WSOU-NEC-0001867 • IBM Dictionary of Computing at WSOU-NEC-0001870 • Microsoft Computer Dictionary (5 th Edition) at WSOU-NEC-0001884 • Dictionary of Computing (5 th Edition) at WSOU-NEC-0001889 • Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 • Webster's New World Computer Dictionary (10 th Edition) at WSOU-NEC-0001899 WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology	Function: "receive further wireless communication in the apparatus, the further wireless communication including a configuration" Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.

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			U.S. Patent No. 8,103,213	
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
			respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	
33.	computer program code configured to implement the configuration in the apparatus	24	Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: • Dictionary of Computer and Internet Words at WSOU-NEC-0001867 • IBM Dictionary of Computing at WSOU-NEC-0001870 • Microsoft Computer Dictionary (5 th Edition) at WSOU-NEC-0001884 • Dictionary of Computing (5 th Edition) at WSOU-NEC-0001889	Governed by 35 U.S.C. § 112, ¶ 6. Function: "implement the configuration in the apparatus" Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.

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			U.S. Patent No. 8,103,213	
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
			 Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 Webster's New World Computer Dictionary (10th Edition) at WSOU-NEC-0001899 WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC. 	
34.	computer program code configured to establish communication in accordance with the configuration	24	Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction:	Governed by 35 U.S.C. § 112, ¶ 6. Function: "establish communication in accordance with the configuration" Structure: Indefinite. Algorithm: None, and thus indefinite.

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	U.S. Patent No. 8,103,213					
No. Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition			
		 Dictionary of Computer and Internet Words at WSOU-NEC-0001867 IBM Dictionary of Computing at WSOU- NEC-0001870 Microsoft Computer Dictionary (5th Edition) at WSOU-NEC-0001884 Dictionary of Computing (5th Edition) at WSOU-NEC-0001889 Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 Webster's New World Computer Dictionary (10th Edition) at WSOU-NEC- 0001899 WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC. 	Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.			

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			U.S. Patent No. 8,103,213	
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
34.1	"the processor being configured to: receive wireless communication in an apparatus"	25	No construction necessary – plain and ordinary meaning. WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	Governed by 35 U.S.C. § 112, ¶ 6. Function: "receive wireless communication in an apparatus" Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.
34.2	"the processor being configured to: [] if the wireless communication includes an inquiry requesting characteristic information, determine	25	Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. No construction necessary – plain and ordinary meaning. WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the	Governed by 35 U.S.C. § 112, ¶ 6. Function: "if the wireless communication includes an inquiry requesting characteristic information, determine characteristic information"

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	U.S. Patent No. 8,103,213						
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition			
	characteristic information"		claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.			
34.3	"the processor being configured to: [] respond to the inquiry, the response comprising the characteristic information"	25	Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. No construction necessary – plain and ordinary meaning. WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC.	Governed by 35 U.S.C. § 112, ¶ 6. Function: "respond to the inquiry, the response comprising the characteristic information" Structure: Multiradio controller, master control system, and radio modems/software-defined radio modules. Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence:			

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U.S. Patent No. 8,103,213					
Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition			
	WSOU further reserves the right to rely on positions and evidence cited by NEC.	Expert testimony from Dr. Matthew Shoemake.			
25	Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: • Dictionary of Computer and Internet Words at WSOU-NEC-0001867 • IBM Dictionary of Computing at WSOU-NEC-0001870 • Microsoft Computer Dictionary (5 th Edition) at WSOU-NEC-0001884 • Dictionary of Computing (5 th Edition) at WSOU-NEC-0001889 • Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 • Webster's New World Computer Dictionary (10 th Edition) at WSOU-NEC-0001899	Governed by 35 U.S.C. § 112, ¶ 6. Function: "receive further wireless communication in the apparatus, the furth wireless communication including a configuration" Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.			
		Claims WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence WSOU further reserves the right to rely on positions and evidence cited by NEC. Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: Dictionary of Computer and Internet Words at WSOU-NEC-0001867 IBM Dictionary of Computing at WSOU- NEC-0001870 Microsoft Computer Dictionary (5 th Edition) at WSOU-NEC-0001884 Dictionary of Computing (5 th Edition) at WSOU-NEC-0001889 Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 Webster's New World Computer Dictionary (10 th Edition) at WSOU-NEC- 0001899			

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			U.S. Patent No. 8,103,213	
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
			claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	
34.5	"the processor being configured to: [] implement the configuration in the apparatus"	25	Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. No construction necessary – plain and ordinary meaning.	Governed by 35 U.S.C. § 112, ¶ 6. Function: "implement the configuration in the apparatus"
			WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction:	Structure: Indefinite. Algorithm: None, and thus indefinite.
			 Dictionary of Computer and Internet Words at WSOU-NEC-0001867 IBM Dictionary of Computing at WSOU- NEC-0001870 Microsoft Computer Dictionary (5th Edition) at WSOU-NEC-0001884 Dictionary of Computing (5th Edition) at WSOU-NEC-0001889 Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 	Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.

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	U.S. Patent No. 8,103,213						
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition			
			 Webster's New World Computer Dictionary (10th Edition) at WSOU-NEC-0001899 WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC. 				
34.6	"the processor being configured to: [] establish communication in accordance with the configuration"	25	Not governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. No construction necessary – plain and ordinary meaning. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: • Dictionary of Computer and Internet Words at WSOU-NEC-0001867	Governed by 35 U.S.C. § 112, ¶ 6. Function: "establish communication in accordance with the configuration" Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence:			

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No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
			IBM Dictionary of Computing at WSOU-NEC-0001870 Microsoft Computer Dictionary (5 th Edition) at WSOU-NEC-0001884 Dictionary of Computing (5 th Edition) at WSOU-NEC-0001889 Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 Webster's New World Computer Dictionary (10 th Edition) at WSOU-NEC-0001899 WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	Expert testimony from Dr. Matthew Shoemake.
35.	means for receiving wireless communication in the apparatus	26	Governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. Function:	Governed by 35 U.S.C. § 112, ¶ 6.

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	U.S. Patent No. 8,103,213						
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition			
			receiving wireless communication in the apparatus	Function: "receiving wireless communication			
			Structure/material/acts: For example, apparatus B (1302) of Fig. 13 and	in the apparatus"			
			process 1 of Fig. 13, and the corresponding portions of the specification at 19:67-20:1 and	Structure: Indefinite.			
			20:4-8, and equivalents thereof.	Algorithm: None, and thus indefinite.			
			WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support	Extrinsic Evidence:			
			of its construction:	Expert testimony from Dr. Matthew			
			WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	Shoemake.			
36.	means for, if the	26	Governed by 35 U.S.C. § 112, ¶ 6. This term is	Governed by 35 U.S.C. § 112, ¶ 6.			
	wireless communication includes an inquiry		not indefinite. Function:				

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	U.S. Patent No. 8,103,213					
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition		
	requesting characteristic information, determining characteristic information			Function: "if the wireless communication includes an inquiry requesting characteristic information, determining characteristic information" Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.		
37.	means for	26	WSOU further reserves the right to rely on positions and evidence cited by NEC. Governed by 35 U.S.C. § 112, ¶ 6. This term is	Governed by 35 U.S.C. § 112, ¶ 6.		
3/.	responding to the	26	not indefinite.	Governed by 35 U.S.C. § 112, ¶ 6.		

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	U.S. Patent No. 8,103,213						
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition			
	inquiry, the response comprising the characteristic information		Function: responding to the inquiry, the response comprising the characteristic information Structure/material/acts: For example, apparatus B (1302) and process 2 of Fig. 13, and the corresponding portions of the specification at 20:4-8, and equivalents thereof. WSOU identifies the following exemplary extrinsic evidence that it may rely upon in support of its construction: WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	Function: "responding to the inquiry, the response comprising the characteristic information" Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.			
38.	means for receiving further	26	Governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite.	Governed by 35 U.S.C. § 112, ¶ 6.			

	U.S. Patent No. 8,103,213			
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
	wireless communication in the apparatus, the further wireless communication including a configuration			Function: "receiving further wireless communication in the apparatus, the further wireless communication including a configuration" Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.
			 Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 Webster's New World Computer Dictionary (10th Edition) at WSOU-NEC-0001899 WSOU may rely on the declaration and/or 	
			WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with	

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U.S. Patent No. 8,103,213				
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
			respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	
39.	means for implementing the configuration in the apparatus	26	Governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. Function: implementing the configuration in the apparatus Structure/material/acts: For example, apparatus B (1302) and process 7 of Fig. 13, and the corresponding portions of the specification at 20:49-53, and equivalents thereof. WSOU identifies the following exemplary extrinsic evidence in support of its construction: • Dictionary of Computer and Internet Words at WSOU-NEC-0001867 • IBM Dictionary of Computing at WSOU-NEC-0001870	Governed by 35 U.S.C. § 112, ¶ 6. Function: "implementing the configuration in the apparatus" Structure: Indefinite. Algorithm: None, and thus indefinite. Extrinsic Evidence: Expert testimony from Dr. Matthew Shoemake.

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	U.S. Patent No. 8,103,213			
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
			 Microsoft Computer Dictionary (5th Edition) at WSOU-NEC-0001884 Dictionary of Computing (5th Edition) at WSOU-NEC-0001889 Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 Webster's New World Computer Dictionary (10th Edition) at WSOU-NEC-0001899 WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC. 	
40.	means for establishing communication in accordance with the configuration	26	Governed by 35 U.S.C. § 112, ¶ 6. This term is not indefinite. Function: establishing communication in accordance with the configuration	Governed by 35 U.S.C. § 112, ¶ 6. Function: "establishing communication in accordance with the configuration"

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	U.S. Patent No. 8,103,213			
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
			Structure/material/acts: For example, apparatus B (1302) and process 8 of Fig. 13, and the corresponding portions of the specification at 20:53-56, and equivalents thereof.	Structure: Indefinite. Algorithm: None, and thus indefinite.
			WSOU identifies the following exemplary extrinsic evidence in support of its construction:	Extrinsic Evidence: Expert testimony from Dr. Matthew
			 Dictionary of Computer and Internet Words at WSOU-NEC-0001867 IBM Dictionary of Computing at WSOU-NEC-0001870 Microsoft Computer Dictionary (5th Edition) at WSOU-NEC-0001884 Dictionary of Computing (5th Edition) at WSOU-NEC-0001889 Webster's Pocket Computer & Internet Dictionary at WSOU-NEC-0001894 Webster's New World Computer Dictionary (10th Edition) at WSOU-NEC-0001899 	Shoemake.
			WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why	

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	U.S. Patent No. 8,103,213				
No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition	
			WSOU's position should be adopted over that of NEC.		
			WSOU further reserves the right to rely on positions and evidence cited by NEC.		

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No.	Terms	Claims	WSOU's Preliminary Proposed Claim Constructions and Extrinsic Evidence	NEC's Proposed Definition
41.	during the voice call	18	No construction necessary – plain and ordinary meaning, which is "during the voice call." WSOU identifies the following exemplary extrinsic evidence in support of its construction: WSOU may rely on the declaration and/or testimony of Dr. Polish to explain the technology of the asserted patent, both generally and with respect to this term, the state of the art as of the claimed priority date of the asserted patent, the level of ordinary skill in the art, and the meaning of the term to a person of ordinary skill in the art at the time of the invention. WSOU may also rely on Dr. Polish to respond to NEC's claim construction positions and alleged support, including why WSOU's position should be adopted over that of NEC. WSOU further reserves the right to rely on positions and evidence cited by NEC.	"Over a voice connection"